

18334 U.S. PTO  
07/15/03

NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Customer No. 004372

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Docket No. 108066-000089

Date: July 15, 2003

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): IMAGE SENSOR PROVIDING IMPROVED IMAGE QUALITY

By (Inventors): Masatoshi KOKUBUN, Toshitaka MIZUGUCHI, Jun FUNAKOSHI, Hiroshi KOBAYASHI and Katsuyosi YAMAMOTO

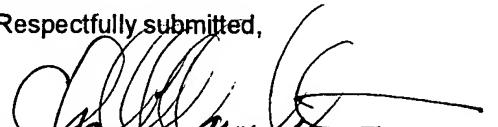
XX 23 pages of Specification/Claims 1-10/Abstract are attached.  
XX Formal drawings (Fig(s). 1-7; 7 sheet(s)) is/are attached.  
XX An Information Disclosure Statement is attached, along with Form PTO-1449, and ONE reference(s).  
XX Priority of foreign application No. 2002-216848 filed on July 25, 2002 in Japan is claimed under 35 U.S.C. §119.  
XX Priority of foreign application No. 2002-317032 filed on October 31, 2002 in Japan is claimed under 35 U.S.C. §119.  
XX A certified copy of the above corresponding foreign application is attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

FOR:		NO. FILED	NO. EXTRA	SMALL ENTITY		LARGE ENTITY	
BASIC FEE				RATE	FEES	RATE	FEES
TOTAL CLAIMS	10 - 20	=	0	\$ 375		\$ 750	
INDEP CLAIMS	3 - 3	=	0	x 9 =	\$	x 18 =	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS				x 42 =	\$	x 84 =	\$
				+140 =	\$	+280 =	\$
				TOTAL	\$	TOTAL	\$ 750

XX A check for the filing fee is not enclosed at this time.

Respectfully submitted,

  
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CMM/jch

22002 U.S. PTO  
2210/618851  
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